



Web

Technologies

**“Become a Full Stack Web developer”
In Just 3 Months**

Transform your future with our education



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Why take this course?

- Designed for Graduates/Under Graduates or job seekers and professionals who want to enhance their technical knowledge
- Studying/Studied GRADUATION
- Any Graduate/engineer who is interested in Coding Freshers/Graduates
- Non-programming engineers

In addition Course helps you

- Improve your logical thinking: Improve your problem-solving abilities
- Improve your searching skills: Understand how software applications work
- Find a nice and well-paid job; Improve your self-confidence
- 100% JOB ASSISTANCE after completion of course to make your Profile reach to Hundreds of Recruiters in our network and with the company we have tie up

Features

- Real-Time Projects
- Hands On Experience
- Mock Tests and Mock Interviews
- Daily Assignments and Seminars



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Web Technology

- Introduction to Web-technology
- What is web?
- What is network?
- What is internet?
- What is web-development?
- What is browser?
- What is web-server?
- What is http?
- What is the use of http?
- What is html?
- What is website?
- What is web-page?
- Structure of Web
- Definition of all the points
- Install of Editors
- How to write program using editors

Table

- How to create table in Html
- Attributes of table
- Example

HTML-5

- Introduction:
- Structure of html
- What is tags?
- Types of tags
- Attributes
- All tags attributes
- How to apply all the attributes in web-pages

List

- How to create list
- . Attributes of list
- . Example

Audio/Video

- Attributes of audio/video tag
- How to create audio page
- How to create video page

I-frame

- What is nested web-page?
- How to create nested web-pages
- Attributes of nested web-pages



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SVG

- How to define graphics in html
- Attributes of SVG

Form

- What is form
- How to create forms using html
- How to create log-in page
- How to create registration page using form
- Attributes of form

CSS-3

- Introduction:
- What is css?
- What is the use of css?
- Types of css
- How to call css inside html pages

Background

- How to set background properties
- Attributes for background

Pseudo-class & Pseudo-elements

- What is pseudo-class?
- What is pseudo-elements
- Types of pseudo-class
- Types of pseudo-elements
- How to apply

Box-Mode

- What is box-model in css
- How to work with box-model

Selectors

- What is selector?
- Types of selector
- How to apply selector



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Combinators

- What is combinators?
- Types of combinators
- How it is related to selectors

Transition, Transform & Animation in css

- Applications of Transition, Transform & Animation
- Use of Transition, Transform & Animation
- Basic Project based on Transition, Transform & Animation.

Javascript

- Introduction:
- What is javascript?
- What is the difference between java & javascript
- Application of javascript
- Advantages & Disadvantages of javascript
- Types of javascript
- Datatypes in javascript
- Looping Statement
- Conditional Statement

Function & Arrays

- What is function
- What is array
- Types of function
- Methods of array

String & Object

- What is string
- Methods of string
- What is object
- How to create object in js



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Date & Math

- What is date method
- What is math method
- Methods of date & math

Advanced array methods in js

- Javascript Closure
- DOM elements in javascript
- Json in javascript
- Ajax in javascript
- Canvas using javascript

Collection in js

- What is collection
- Types of collection

Regular Expression in js

- What is regular expression
- How to create dynamic form in js

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Introduction

- jQuery syntax
- Working with events
- Understanding selectors
- Program using jQuery and JS
- Writing CSS using jQuery

Animations using jQuery

- Show/Hide
- Fade In/ Fade Out
- Slide Up/Slide Down Animate

Getters and Setters

- Get the DOM element value
- Set the DOM element value
- Adding an element
- Removing an element
- addClass & removeClass
- Need of Callback Use of Chaining

jQuery Traversing

- Ancestors – Bottom Up Approach
- Descendants – Top Down Approach
- Siblings Selectors
- jQuery Filter Methods

AJAX using jQuery

- How is it different from JS?
- Building e-Commerce layout
- jQuery UI discussion



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Overview Of PHP

- How to Install Xampp & Wamp tools
- Static and Dynamic Web Pages
- How PHP Work
- Server-Side / Client-Side Scripting
- Role of Apache & MySQL Server
- PHP Capabilities & Advantages
- How to Configure php.ini

PHP Functions

- Why to create Functions
- Defining Functions
- Variable Scope
- Passing parameter to Functions
- Returning Values
- Global variable
- Passing Arguments by Value and Reference
- The include, include_once and Require Statement
- Difference between include and Require
- Built-in PHP Functions

Basic Programming in PHP

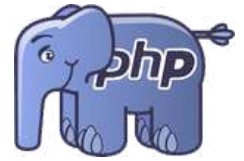
- PHP Scripting Blocks
- How to embed in HTML
- Data Types & Variable Declaration
- Conditional Statements
- Looping Constructs while, for etc

Receiving data from HTML Forms

- Form creation
- Understanding method \$_GET, \$_POST and \$_REQUEST
- Receiving Data at Server
- Sending Artificial data from HTML
- Formatted Response by PHP
- Dynamic data manipulation
- Handling Null Values
- Generating Dynamic Web Page by HTML Input



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PHP Array

- What are Arrays?
- Character & Numeric Indexing
- Auto Indexing
- Counting & Sorting Array Elements
- Array Search
- Array Functions
- Sending Array from static Page
- Handling HTML Form Data as an Array

Working with PHP Sessions

- Session Overview
- How Session Work
- Global Session Variables
- Session and Array
- Expiring Session
- Session Storage

Dynamic Scripts

- Page Redirection at run time
- Managing Login Screen
- Uploading images and files at server
- File Download from web server
- Handling PHP Cookies
- Dynamic Email

Files in PHP

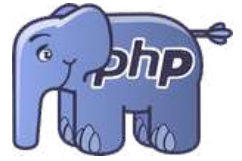
- Reading Files
- Writing Files
- File Function
- Creating Directory
- Extract data from files

Cookies

- Reading Files
- Writing Files
- File Function
- Creating Directory
- Extract data from files



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Working with Databases and Forms

- Introduction to PHP MyAdmin Panel
- PHP Database Creation
- Understanding table structure
- Go through with SQL Queries
- crud operation in mysql
- Handling multiple tables in PHP-MySQL
- MySQL Joins and Views
- Importing and Exporting data through SQL script
- Connectivity to remote server
-

Configuring and Using MySQL

- Page Redirection at run time
- Managing Login Screen
- Uploading images and files at server
- File Download from web server
- Handling PHP Cookies
- Dynamic Email

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Introduction

- What Is Database?
- What is Database Management System (DBMS)?
- What is Relational Model ?
- Introduction to RDBMS .
- Brief on E.F CODD .

Datatypes and Constraints

- What are Datatypes ?
- Types and Examples .
- How to use .
- What are Constraints?
- Types and Examples.
- How to use.

Statements in SQL

- Data Definition Language (DDL)
- Data Manipulation Language (DML)
- Transaction Control Language (TCL)
- Data Control Language (DCL)
- Data Query Language (DQL)

Software installation

- Installing and set up of software
- Working on Oracle 10g.

Operators

- Types and Examples

Data Query Language (DQL)

- Select
- From
- Having
- Where
- Group By
- Order By

Functions in SQL

- Single Row Functions
- Multi Row Functions
 - Max ()
 - Min ()
 - Count ()
 - Sum ()
 - Avg ()



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Sub Query

- Introduction to Sub Query
- Working of Sub Query
- Query Writing and Execution
- Types of Sub Query
 - Single Row Sub Query
 - Multi Row Sub Query
- Nested Sub Query.

Pseudo Columns

- Introduction on Pseudo Columns
- ROWID
- ROWNUM
- Working and Usage

JOINS

- What Is Join?
- Types of Joins.
- Cartesian Join
- Inner Join
- Outer Join
- Self-Join
- Queries and Examples.

Co- Related Sub Query

- Working and Examples

Data Definition Language (DDL)

- Create
- Rename
- Alter
- Truncate
- Drop

Data Manipulation Language (DML)

- Insert
- Update
- Delete



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Transaction Control Language (TCL)

- Commit
- Save point
- Rollback

Data Control Language (DCL)

- Grant
- Revoke

Normalization

- Introduction to Normalization
- Types of Normal Forms
- Examples.

E R Diagrams

- Introduction to ERD
- Examples.

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